

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

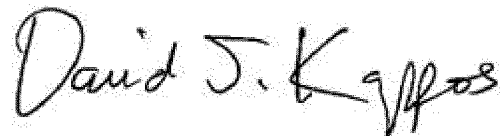
PATENT NO. : 8,112,578 B2  
APPLICATION NO. : 10/002461  
DATED : February 7, 2012  
INVENTOR(S) : Keith R. Slavin

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 12, lines 56-57, in Claim 1, delete “inputting,” and insert -- inputting --, therefor.

Signed and Sealed this  
Tenth Day of April, 2012

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style.

David J. Kappos  
*Director of the United States Patent and Trademark Office*